

Utah Climatic Summary June 2013











Here's a look at precipitation reports for the month of June:



Station	Precipitation	Snowfall	Normal Pcpn	Percent of Normal
Alpine	0.02	-	1.11	2
Alta	0.05	-	2.26	2
Altamont	0.00	-	-	-
Alton	0.00	-	0.49	0
Big Water	0.00	-	0.25	0
Boulder	0.02	-	0.40	5
Bountiful Bench	Trace	-	-	-
Bountiful-Val Verda	0.00	-	1.37	0
Brigham City	Trace	-	1.14	0
Bullfrog Basin	0.00	-	0.14	0
Capitol Reef Nat'l Park	0.06	-	0.45	13
Castle Dale	0.02	-	0.49	4
Cedar City Airport	0.01	-	0.56	2
Centerville	0.00	-	-	-
City Creek	0.00	-	1.65	0
Clearfield	Trace	-	-	-
Cottonwood Weir	0.00	-	1.54	0
Deer Creek Dam	0.01	-	1.30	1
Duchesne	Trace	-	0.77	0
Echo Dam	Trace	-	1.28	0
Eden 2N	0.01	-	-	-
Ephraim	0.00	-	0.80	0
Escalante	0.00	-	0.46	0
Farmington 3 NW	0.00	-	1.42	0
Ferron	0.00	-	0.52	0
Fillmore	0.00	-	0.91	0
Fremont Indian S.P.	0.00	-	0.72	0
Garfield	0.00	-	1.16	0
Hans Flat	Trace	-	0.47	0
Hatch	0.05	-	0.49	10
Helper-Carbon	0.00	-	0.70	0

Station	Precipitation	Snowfall	Normal Pcpn	Percent of Normal
Hite Marina	0.00	_	0.33	0
Huntsville	0.00	_	1.35	0
Kanab	0.03	_	0.34	1
Kodachrome Basin S.P.	0.04	_	0.38	11
Laketown	0.00	_	1.05	0
Layton	0.00	_	-	-
Levan	0.00	_	0.87	0
Loa	0.00	_	0.69	0
Logan KVNU	0.01	_	1.25	1
Manti	Trace	_	1.03	0
Milford	0.00	_	0.58	0
Mountain Dell	0.00	_	1.80	0
Moroni	0.00	_	-	-
Neola	0.15	_	0.69	22
Nephi	Trace	_	0.96	0
Ogden NE Bench	Trace	_	-	-
Orderville	Trace	_	0.53	0
Pineview Dam	0.00	_	1.81	0
Pleasant Grove	0.00	_	1.04	0
Provo BYU	0.00	_	1.20	0
Randolph	Trace	-	1.12	0
Richfield	0.00	-	0.66	0
Salt Lake Triad Center	Trace	-	1.13	0
Salt Lake Int'l Airport	Trace	-	0.98	0
Santaquin	0.00	-	1.09	0
Silver Lake Brighton	0.00	-	1.93	0
South Ogden	Trace	-	-	-
South Salt Lake	Trace	-	-	-
Spanish Fork	Trace	-	1.21	0
Springville	0.00	-	-	-
Stansbury Park	0.00	-	-	-
Summit	0.14	-	0.45	31
Sunnyside	0.00	-	1.03	0
Trenton	0.00	-	1.25	0
Upper Millcreek	Trace	-	-	-
Utah Lake Lehi	0.02	-	0.79	3
Wanship Dam	Trace	-	1.23	0
Weber Basin Pump 3	0.00	-	1.82	0
Wellington 3 E	0.08	-	0.57	14
Woodruff	0.00	-	1.06	0

June 9th - Scattered high-based thunderstorms brought strong microburst winds to portions of the Great Salt Lake desert and mountains.

Peak Wind Gusts (MPH)

North Salt Flats	67	I-80 @ MP 29	59	Wendover Peak	57
Causeway	55	West Granite	53	West Salt Flats	52
V-Grid	50	Dugway	46	Diddle Knoll	46
Camel Back Mountain	45	Callao Gate	44	West of Wildcat	44
Wendover Field	44	Baker Lab	43	Horizontal Grid	43
Playa Station	41	I-80 @ MP 1	41	Wendover POE	40

June 10th - Gusty winds blew across much of Utah as a dry cold front made its way through the state.

Peak Wind Gusts (MPH)

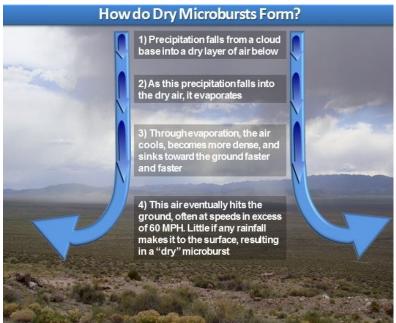


June 12th - Strong dry microburst winds developed across northern Utah during the early evening hours. Several trees were uprooted in Taylorsville, South Jordan and West Jordan, including a 50 year old Cottonwood tree that crushed the roof of a house in Taylorsville. Power lines were also knocked down, and a large trampoline was tossed from one yard into another. There were no injuries reported.



Above and Below: Uprooted trees in a South Jordon neighborhood.







Above: Roof damage from Cottonwood tree. Below: Trampoline tossed into yard.



Peak Wind Gusts (MPH)

Salt Lake Airport #2	75	I-80 @ Grassey	68	Wendover Peak	67
Baccus Highway	66	Antelope Island S.P.	63	Hat Island	62
Logan Airport	61	Wendover POE	61	Gunnison Island	59
Mtn View Dannon Way	58	Promontory Point	57	Park Valley	57
Salt Flats	57	Aragonite	55	Simpsons Springs	53
Diddle Knoll	52	Mendon	52	Wendover Field	51
I-15 @ Plymouth	50	Vernon Hill	50	Clifton Flat	50
English Village	49	Salt Lake Int'l Airport	48	I-15 @ Tremonton	47
I-84 @ Riverdale Rd	47	Vernon	46	Cache Junction	46
University of Utah	45	I-15 @ 2400 S	45	I-80 @ MP 78	45

June 13th - *Another dry cold front* produced strong and gusty winds as it rapidly moved through the Beehive State. The strong winds toppled a tree in the Uinta Mountains, injuring a Boy Scout. Some minor tree and property damage was reported in Price.

Right: A tree is blown onto the roof of a home in Price. Photo courtesy of Brett Benson.



Peak Wind Gusts (MPH)



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Flight Park South	72	Fishlake D4 PT #4	70	Saratoga Springs	68
Signal Peak	65	Vernon Hill	63	Sundance-Arrowhead	63
Dry Ridge	63	U.S. 6 @ Eureka	63	Simpson Springs	63
Ogden Peak	60	Lehi	59	Fremont Junction	59
Diddle Knoll	58	SR-12 Soldier Smt	58	Point of the Mountain	57
Chepeta	57	Riverton	56	Antelope Island S.P.	55
Pioneer Crossing	55	Deer Valley-Empire	55	Highland	54
Camel Back Mountain	53	I-15 @ Scipio Smt	53	Promontory Point	52
US-40 Mayflower Smt	52	Price Airport	52	I-15 @ Sevier River	52
Pleasant Grove	51	Hanksville	51	Dog Valley	50
SR-248	50	Orem	50	English Village	50
West Ogden	49	Provo Airport	49	Chaulk Hill	49
Snowbasin-Wildcat	49	Soldier Summit	49	Fillmore	49
Milford Airport	49	Telegraph Flat	48	Hat Island	47
Badger Island	48	Syracuse	47	Baccus Highway	47
South Mountain	47	Weber Basin Power	47	US-40 @ Starvation	47
Torrey	47	Bryce Canyon Airport	47	Five Mile	47
Olympus Hills	46	Bullfrog Marina	46	Ogden	45
Salt Lake Int'l Airport	45	University of Utah	44	Oakley	44
Cedar City Airport	44	Harrisville	43	Bluffdale	43
Skyline	43	Delta Airport	43	Enterprise	42
Riverside	42	GSL Marina	42	Hill A.F.B.	40
Beaver Airport	40	Kanab Airport	40	Draper	40

June 24th - Scattered high-based thunderstorms brought strong microburst winds to much of the Beehive State. A few of the storms actually managed to produce some rain that reached the ground, but not enough to change the extremely dry conditions.

Precipitation Totals (inches)

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Alta-Collins	0.05	Alta-Base	0.04	Sundance-Mid	0.03
Sardine Summit	0.03	Providence	0.02	North Logan	0.02
Richmond	0.02	Fruit Heights	0.02	Bothwell	0.02
West Haven	0.02	West Weber	0.02	Alpine	0.02
Cedar City	0.02	Fishlake	0.02	Mendon	0.01
Hill A.F.B.	0.01	Sandy	0.01	Milford	0.01
Riverside	0.01	Roy	0.01	Highland	0.01
Logan Summit	0.01	Summit Park	0.01	Veyo Powerhouse	0.01

Peak Wind Gusts (MPH)



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Fishlake D4 PT #4	65	Upper Cedar Mtn	60	Vernon Hill	59
Ogden Peak	59	Sundance-Arrowhead	59	Saratoga Springs	59
Camel Back Mtn	56	Ditto	55	GSL Marina	54
I-15 @ Willard	52	Bluffdale	52	SLC Airport #2	52
North Salt Flats	52	U.S. 6 @ Eureka	52	Syracuse	51
Flight Park South	50	English Village	50	Boulder Summit	50
Baker Lab	49	Simpson Springs	49	I-15 @ Sevier River	49
Mud Spring	48	SR-248	48	Dog Valley	47
South Mountain	47	Point of the Mountain	47	Eagle Range	47
Scipio Summit	47	Sherwood Hills	47	Dry Ridge	47
University of Utah	46	Draper	46	Bountiful Bench	45
West Ogden	45	Olympus Hills	45	Salt Lake Int'l Airport	45
Antelope Island SP	44	Hill A.F.B.	43	Layton	43
Milford Airport	43	I-15 @ Tremonton	43	Pleasant Grove	43
Weber Canyon Power	42	South Ogden	41	Tickville	41
Wasatch Hills	41	Roosevelt	41	Delta Airport	41
Price Airport	41	Centerville	40	Torrey	40

June 28th-30th - A large area of high pressure brought record-breaking heat to much of the Intermountain West and Southwestern portions of the U.S. including most of Utah. The record high for the month of June in Salt Lake City was set not once, but twice, when the mercury topped out at 105 degrees on the 28th and again on the 29th. Many daily high temperature records were set all across the state over the 3-day heat wave. In addition, numerous afternoon and evening thunderstorms developed each day, but only a few of them produced any rain. The rest produced lightning and gusty winds, just adding to the already extreme fire weather conditions. Along with the typical weather associated with mostly dry thunderstorms, two gustnadoes developed in the Delta area. A gustnado is a small whirlwind which forms as an eddy in thunderstorm outflows. They do not connect with any cloud-base rotation and are not tornadoes. Since their origin is associated with cumuliform clouds, gustnadoes will be classified as Thunderstorm Wind events. Like dust devils, some stronger gustnadoes can cause damage. Wind speeds can reach 60 to 80 mph, resulting in significant damage, similar to that of a F0 or F1 tornado. However, gustnadoes are not considered to be a tornado, and some cases, it may be difficult to distinguish a gustnado from a tornado. Gustnadoes are not associated with storm-scale rotation (i.e. mesocyclones) that is involved with true tornadoes; they are more likely to be associated visually with a shelf cloud that is found on the forward side of a thunderstorm.





Above: Two Gustnadoes formed in Delta. The photo on the left comes courtesy of Wendy Rowley, while the close up view on the right of one of the gustnadoes was taken by Sherri Callister.

Precipitation Totals (inches)



Assay	0.90	Cedar City	0.46	Milford	0.41
Chepeta	0.17	Bruin Point	0.14	Sutherland	0.14
Delta	0.12	Taylorsville	0.10	West Fork Blacks Fork	0.10
Hewinta	0.09	Moon Lake	0.08	Wellington 3 E	0.08
Tabiona	0.06	Joes Valley	0.05	Horse Ridge	0.05
Kodachrome Basin	0.04	Larb Hollow	0.04	Price Airport	0.03
Milford Airport	0.03	Kanab	0.03	Junction	0.03
Saratoga Springs	0.02	Utah Lake Lehi	0.02	West Fork Blacksmith	0.02
Beaver	0.02	Sevier Reservoir	0.02	Veyo Powerhouse	0.02

Peak Wind Gusts (MPH)



Dry Ridge	66	Juliet Road	59	I-15 @ Black Ridge	58
Target S	57	West Salt Flats	57	Fish Springs	57
Bullfrog Marina	57	Wendover Peak	56	Simpson Springs	56
Durand Road	54	Target R	54	Brimstone Reservoir	53
Telegraph Flat	53	Bountiful Bench	51	I-15 @ Plymouth	51
English Village	51	Ghost Rocks	51	Scipio Summit	51
Wendover POE	49	Vernon Hill	49	Price Airport	48
Dog Valley	48	Tower Grid	47	Callao	47
Milford Airport	47	Fishlake	47	Badger Island	46
Promontory Point	46	Causeway	46	Assay	46
Beaver Airport	46	Sevier Reservoir	46	Centerville	45
I-15 @ Willard POE	45	Callao Gate	45	Horse Ridge	45
Delta	45	White Reef	45	Bryce Canyon Arpt	45
I-80 @ MP 29	44	Wendover Field	44	West Granite	44
University of Utah	44	I-15 @ Tremonton	43	Tule Valley	43
US-40 @ Starvation	43	Five Mile	42	Farmington	41
South Ogden	41	Dugway	41	Bountiful Bench	40
Brigham City	40	Bothwell	40	U.S. 6 @ Eureka	40
West Bountiful	40	Mud Spring	40	Cedar City Airport	40



Warm Temperature Records For the Month of June:



June 2nd - Bountiful-Val Verde set a record high maximum of 91 degrees (90/2001).

June 3rd - Ferron tied a record high minimum with a low of 60 degrees (60/2012).

June 8th - Kanab tied their record high maximum of 101 degrees (101/1955). Record high minimums were set at Utah Test Range 63 (61/2000) and Zion National Park 71 (71/1920).

June 9th - Seven spots set record high maximum temperatures...Alpine 93 (92/1996), Cedar City Airport 96 (96/1985), Kanab 101 (100/1955), Milford 99 (97/1918), Price 96 (93/1985), Richfield 96 (95/1921), and Zion National Park 108 (103/1955).

June 10th - Eight locations set record high maximums...Alpine 93 (91/1996), Alta 76 (73/2001), Kanab 98 (98/1985), Price 97 (94/1973), Salt Lake Int'l Airport 100 (100/1918), Spanish Fork 95 (95/1996), Utah Test Range 96 (94/2001), and Evanston, WY 87(87/1918). Record high minimum temperatures were set at ten spots...Alpine 62 (59/2001), Alta 49 (49/1973), Bountiful-Val Verda 67 (66/2003), Provo BYU 64 (64/1990), St. George 76 (74/2010), Salt Lake Int'l Airport 74 (67/1918), Spanish Fork 64 (63/1990), Tooele 75 (74/1921), Utah Test Range 70 (59/1992), and Evanston, WY 55 (54/1990).

June 11th - Four spots set record high minimums...Alpine 62 (57/1996), Bountiful-Val Verda 68 (65/1996), Salt Lake Int'l Airport 72 (70/1918) and Evanston, WY 54 (49/2003).

June 12th - Record high maximums were set at Bountiful-Val Verda 91 (89/1991), Bullfrog 101 (101/1981), and Utah Test Range 93 (93/2006). Milford 60 (58/1991), Evanston WY 51 (50/1996) set record high minimum temperatures.

June 13th - Nine locations set record high minimums...Alta 58 (52/1996), Cedar City Airport 62 (62/1985), Escalante 62 (59/1918), Milford 61 (61/1991), Price 68 (61/1985), Provo BYU 69 (65/1994), St. George 80 (73/1911), Zion National Park 76 (74/1940), and Evanston, WY 57 (50/1996). Price set a record high maximum with 94 degrees (92/1994).

June 27th - Two locations set record high maximums...Escalante 103 (99/1994), and Cedar City Airport 98 (98/1973).

June 28th - Sixteen spots set record high maximums...Alpine 99 (99/1986), Alta 80 (77/2002), Bullfrog 109 (106/1973), Capitol Reef 101 (101/1990), Cedar City Airport 101 (101/1976), Escalante 105 (101/1974), Ferron 97 (96/1898), Kanab 105 (102/1984), Milford 104 (100/1984), Provo BYU 103 (101/1994), Randolph 92 (87/1990), Salt Lake Int'l Airport 105 (102/1961), Spanish Fork 102 (101/1926), Utah Test Range 100 (100/2002), Zion National Park 114 (110/1950), and Evanston, WY 92 (89/1979). Record high minimums were set at Alpine 62 (61/2001), Capitol Reef 73 (71/1986), Escalante 65 (62/1962), Ferron 71 (68/1898), Provo BYU 68 (66/1986), Spanish Fork 67 (66/1910), and Utah Test Range 72 (64/2004).

June 29th - Fifteen spots set record high maximums...Alpine 97 (97/1994), Alta 81 (79/1979), Bountiful-Val Verda 100 (98/2002), Bullfrog 106 (105/1974), Capitol Reef 101 (101/1990), Cedar City Airport 100 (99/2007), Escalante 103 (100/1994), Ferron 100 (100/1898), Milford 102 (100/1909), Price 100 (98/1974), Provo BYU 102 (101/1990), Richfield 99 (99/1907), Salt Lake Int'l Airport 105 (104/1979), Utah Test Range 101 (99/2007), and Zion National Park 114 (112/1950). Record high minimums were set at Capitol Reef 74 (73/1986), Escalante 64 (63/1970), Ferron 70 (66/1994), and Kanab 69 (69/1956).

June 30th - Seven locations set record high maximums...Bullfrog 107 (105/1974), Cedar City Airport 101 (100/1994), Kanab 104 (103/1924), Milford 104 (102/1909), Pine View Dam 97 (93/2010), Salt Lake Int'l Airport 103 (103/1996), and Zion Nat'l Park 112 (112/1950). Record high minimum temperatures were set at Alpine 65 (63/1976), Escalante 76 (66/1980), Price 70 (68/1974), Salt Lake Int'l Airport 77 (75/2010), and Wendover 81 (74/1932).



Cool Temperature Records For the Month of June:



June 1st - Record low minimum temperatures were set at Cedar City Airport 31 (33/1959) and Utah Test Range 38 (38/2000).

June 2nd - Utah Test Range tied a record low minimum at 38 degrees (38/1996).

June 20th - Record low minimum temperatures were set at Bountiful-Val Verde 43 (47/2012), Brigham City 37 (39/1964), and Randolph 28 (28/1998).

June 23rd - Randolph tied a record low minimum with a low of 30 degrees (30/1987).



Salt Lake City Ties Record for Driest June



For the second year in a row, the Salt Lake City International Airport tied the monthly record for the driest June with just a trace of rainfall. The same amount of rain fell in June of 2012, also occurring in 1994.



THE SALT LAKE CITY UT CLIMATE SUMMARY FOR THE MONTH OF JUNE 2013

CLIMATE NORMAL PERIOD 1981 TO 2010 CLIMATE RECORD PERIOD 1874 TO 2013



WEATHER	OBSERVE	D	NORMAL	DEPART	LAST YE	AR`S
	VALUE	DATE(S)	VALUE	FROM NORMAL	VALUE	DATE(S)
TEMPERATURE	(F)					
RECORD						
HIGH	105		3, 06/29/20			
LOW	35	06/05/193	7, 06/02/19	54, 06/07/19	62	
HIGHEST	105	06/28, 06,	/29		101	06/23, 06/28
LOWEST	48	06/01			41	06/06
AVG. MAXIMUN	1 89.9		83.0	6.9	88.3	
AVG. MINIMUM	60.8		56.4	4.4	58.8	
MEAN	75.3		69.7	5.6	73.6	
DAYS MAX >=	90 16		8.0	8.0	15	
DAYS MAX <=	32 0		0.0	0.0	0	
DAYS MIN <=	32 0		0.0	0.0	0	
DAYS MIN <=	0 0		0.0	0.0	0	
PRECIPITATION	N (INCHES)				
TOTALS	Trace	•	0.98	-0.98	Trace	
DAYS >= .01	0		5.6	-5.6	0	
DAYS >= .10	0		2.7	-2.7	0	
DAYS >= .50	0		0.4	-0.4	0	
DAYS >= 1.00	0		0.1	-0.1	0	
SNOWFALL (IN	CHES)					
TOTALS	0.0)	0.0	0.0	0.0	
SINCE 7/1	69.9		56.2		24.8	

WEATHER	OBSERVED VALUE	NORMAL VALUE	DEPART FROM NORMAL	LAST YEAR`S VALUE
DEGREE DAYS				
HEATING TOTAL	4	46	-42	38
SINCE 7/1	5460	5607	-147	5012
COOLING TOTAL	323	187	136	301
SINCE 1/1	393	237	156	379

WIND (MPH)

AVERAGE WIND SPEED	8.1		
HIGHEST WIND SPEED/DIRECTION	37/340	DATE	06/13
HIGHEST GUST SPEED/DIRECTION	48/180	DATE	06/12

WEATHER CONDITIONS. NUMBER OF DAYS WITH

THUNDERSTORM	0	RAIN	1
HAIL	0	SNOW	0
FOG	0	FOG W/VIS <= 1/4 MILE	0
HAZE	13		

- INDICATES NEGATIVE NUMBERS.
- R INDICATES RECORD WAS SET OR TIED.

MM INDICATES DATA IS MISSING.

T INDICATES TRACE AMOUNT.



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